

Inventors: Huse and Freedman
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APPENDIX A

10. (Twice Amended) A method for determining binding of a ligand to a receptor [two or more receptors], comprising contacting a collective ligand variant population with [said] a population of five said population of five [two] or more receptors to a ligand from said collective ligand variant population.

11. (Twice Amended) The method of claim 10, further comprising dividing said collective ligand variant population into two or more subpopulations, contacting one or more of said two or more subpopulation with said population of five [two] or more receptors and detecting one or more ligand variant subpopulations having binding activity to said population of five [two] or more receptors.

13. (Twice Amended) The method of claim 12, wherein said detecting identifies a ligand variant having binding activity to a receptor in said population of five [two] or more receptors.

14. (Twice Amended) The method of claim 13, wherein said detecting identifies a ligand variant having optimal binding activity to a receptor in said population of five [two] or more receptors.

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17. (Twice Amended) The method of claim 10, further comprising isolating an individual ligand variant having binding activity to a receptor in said population of five [two] or more receptors, wherein said ligand variant is linked to tag.

18. (Twice Amended) The method of claim 10, further comprising dividing said collective ligand variant population into two or more subpopulations, contacting said two or more subpopulations with said population of five [two] or more receptors and detecting one or more ligand variant subpopulations having binding activity to said population of five [two] or more receptors.